

Datasheet for ABIN7564412

RALGAPB Protein (AA 1-1484) (His tag)



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Overview

Quantity:	1 mg
Target:	RALGAPB
Protein Characteristics:	AA 1-1484
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RALGAPB protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Ralgapb Protein expressed in mammalien cells.
Sequence:	MYSEWRSLHL VIQSDQGHTS VLHSYPESVG REVANAVVRP LGQALGTSSV AGSESLKTD KEVKWTMEVI CYGLTLPLDG ETVKYCVDVY TDWIMALVLP KDSIPLPIK EPNLYVQSIL KHLQNLFFVPR QEQGSSQIRL CLQVLRAIQK LARESSIMAR ETWEVLLFL LQINDILLAP PTVQGGIAEN LAEKLIGVLF EVWLLACTRC FPTPPYWKTA KEMVANWRHH PAVVEQWSKV ICALTSRLLR FTYGPSFPPF KVPDEDANLI PPEMDNECIA QTWFRFLHML SNPVDLSNPA VISSTPKFQE QFLNVSGMPQ ELSQYPCLKH LPQIFFRAMR GISCLVDAFL GISRPRSDSA PPTPVNRLSM PQSAAVNTTP PHNRRHRAVT VNKATMKTST VTTAHTSKVQ HQASSTSPLS SPNQTSSEPR PLPAPRRPKV NSILNLFWSW LFDAAFVHCK LHNGINRDNS MTASFIQILL SYKSSIATQA SMEFRRKGSQ MSTDTMVSNP VFDASEFPDN YEAGRAEACG TLCRIFCSKK TGEEILPAYL SSVILNSPPL FCCDLKGIDV VVPYFISALE TILPDRELSK FKSYPNPTEL RRSSINILLS LLPLPHHFGT VRSEVVLEGK FSNDSSSYD KPITFLSLKL RLVNIGAL QTETDPNNTQ

MILGAMLNIV QDSALLEAIG CQMEMGGGEN NLKSHSRTNS GISSASGGST EPTTPDSERP
AQALLRDYGS TDSAAGLLIR SIHLVTQRLN SQWRQDMSIS LAALELLSGL AKVKVMVDSG
DRKRAISSVC SYIVYQCSRPL APLHSRDLHS MIVAAFQCLC VWLTEHPDML DEKDCLKEVL
EIVELGISGS KSKNSEQEVK YKGDKEPNPA SMRVKDAAEA TLTCIMQLLG AFPSPSGPAS
PCSLVNETTL IKYSRLPTIN KHSFRYFVLD NSVILAMLEQ PLGNEQNDFP PSVTVLVRGM
SGRLAWAQQCLLPRGAKAN QKLFVPEPRP VPKNDVGFKY SVKHRPFPEE VDKIPFVKAD
LSIPDLHEIV TEELEERHEK LRSGMAQQA YEMHLEQQSE GELQKRSFPD PVTDCPPPP
AQEFQTARLF LSHFGFLSLE ALKEPANSRL PPHIALDST IPGFFDDIGY LDLLPCRPF
TVFIFYMKPG QKTNQELKN VESSRNVQPH FLEFLLSLGW SVDVGKHPGW TGHVSTSWSI
NSCDDGEGSE PDEITSSDV GASIFNGQKK VLYYADALTE IAFVVPSPVE SLTDSLESNI
SDQSDSDNMD LMPGILKQPP LTLELVPNHT DSLNSSQRLS PSSRMKKLPQ GRPVPPLGPE
TRVSVVWVER YDDIENFPLS DLMTEISTGV ETTANSSTSL RSTTLEKEVP VIFHPLNTG
LFRIKIQGAT GKFNMVIPLV DGMIVSRRL GFLVRQTVIN ICRRKRLESD SYSPPHVRRK
QKITDIVNKY RNKQLEPEFY TALFQEVGLK NCSS

Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalian cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins. • State-of-the-art algorithm used for plasmid design (Gene synthesis). This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein. If you are not interested in a full length protein, please contact us for individual protein fragments. The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	RALGAPB
Alternative Name:	Ralgapb (RALGAPB Products)
Background:	Ral GTPase-activating protein subunit beta (p170),FUNCTION: Non-catalytic subunit of the heterodimeric RalGAP1 and RalGAP2 complexes which act as GTPase activators for the Ras-like small GTPases RALA and RALB. {ECO:0000250}.
Molecular Weight:	165.2 kDa
UniProt:	Q8BQZ4

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months